OIPE
DEC 05 2005
PATENT & TRADEMARK OFFICE

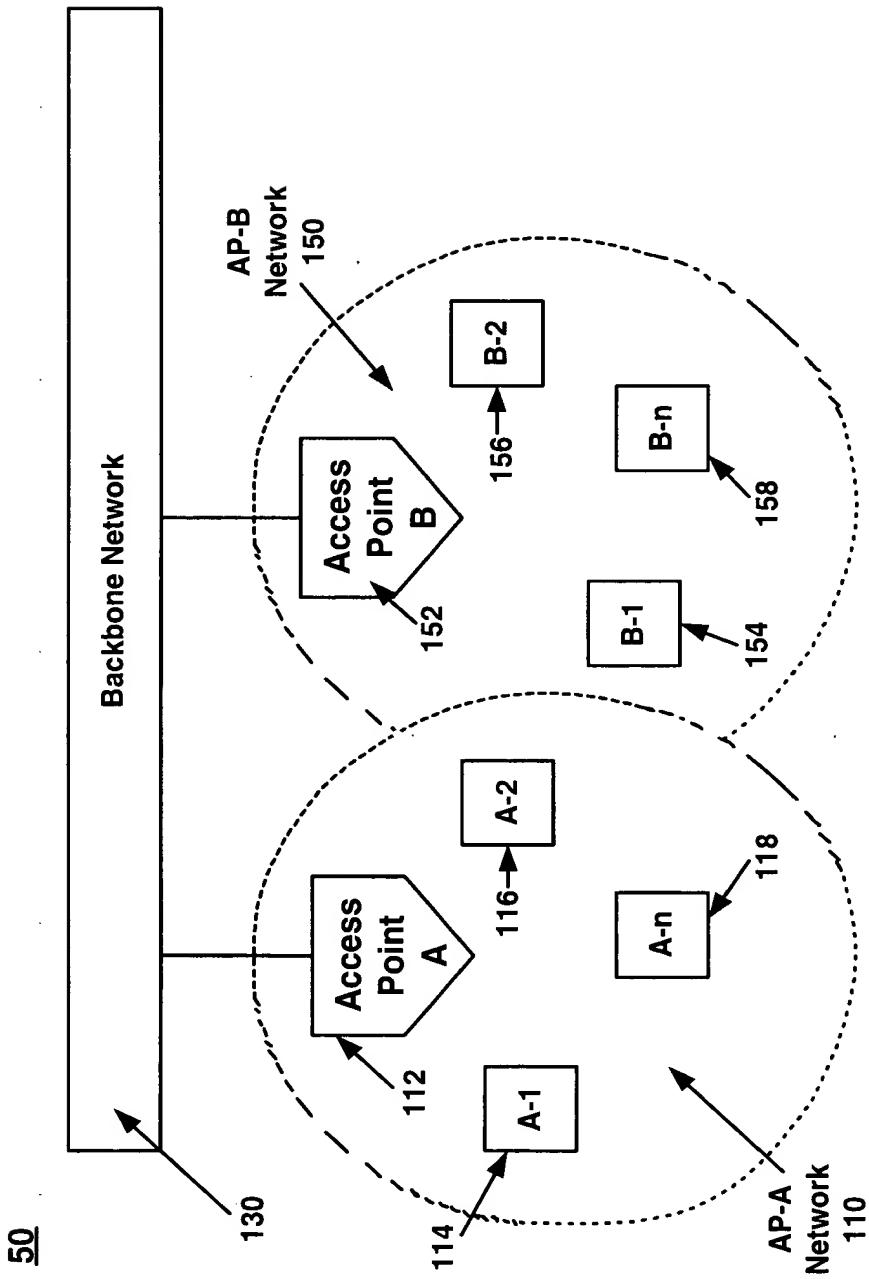

FIG. 1 (Prior Art)

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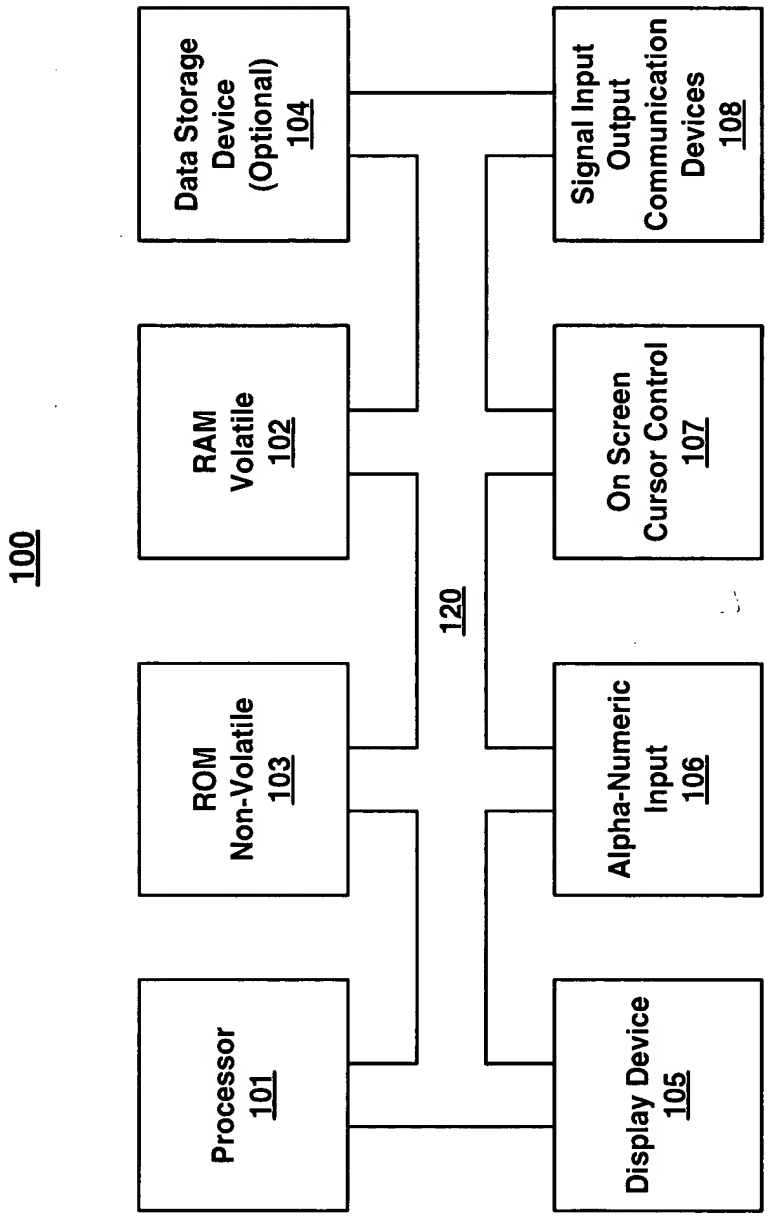

FIG. 2

OFFSET	SIZE	FIELD
0X00	30	MAC HEADER (e.g. 802.11)
0x1E	2	Ether Type (Unique Ether Type)
0x20	2	Length
0x22	2	Function type (=" Smart Agent protocol)
0x24	1	Control
0x25	1	Status
0x26	1	Sequence number (=1) : Response
0x27	1	Reserved for Vendor Specific
0x28	2	Checksum
0x2A	1	AP Ethernet link status ← 310
0x2B	1	AP IP address type (DHCP OR FIXED) ← 315
0x2C	4	IP address ← 320
0x30	4	IP address mask ← 325
0x34	4	Default IP Gateway ← 330

FIG. 3

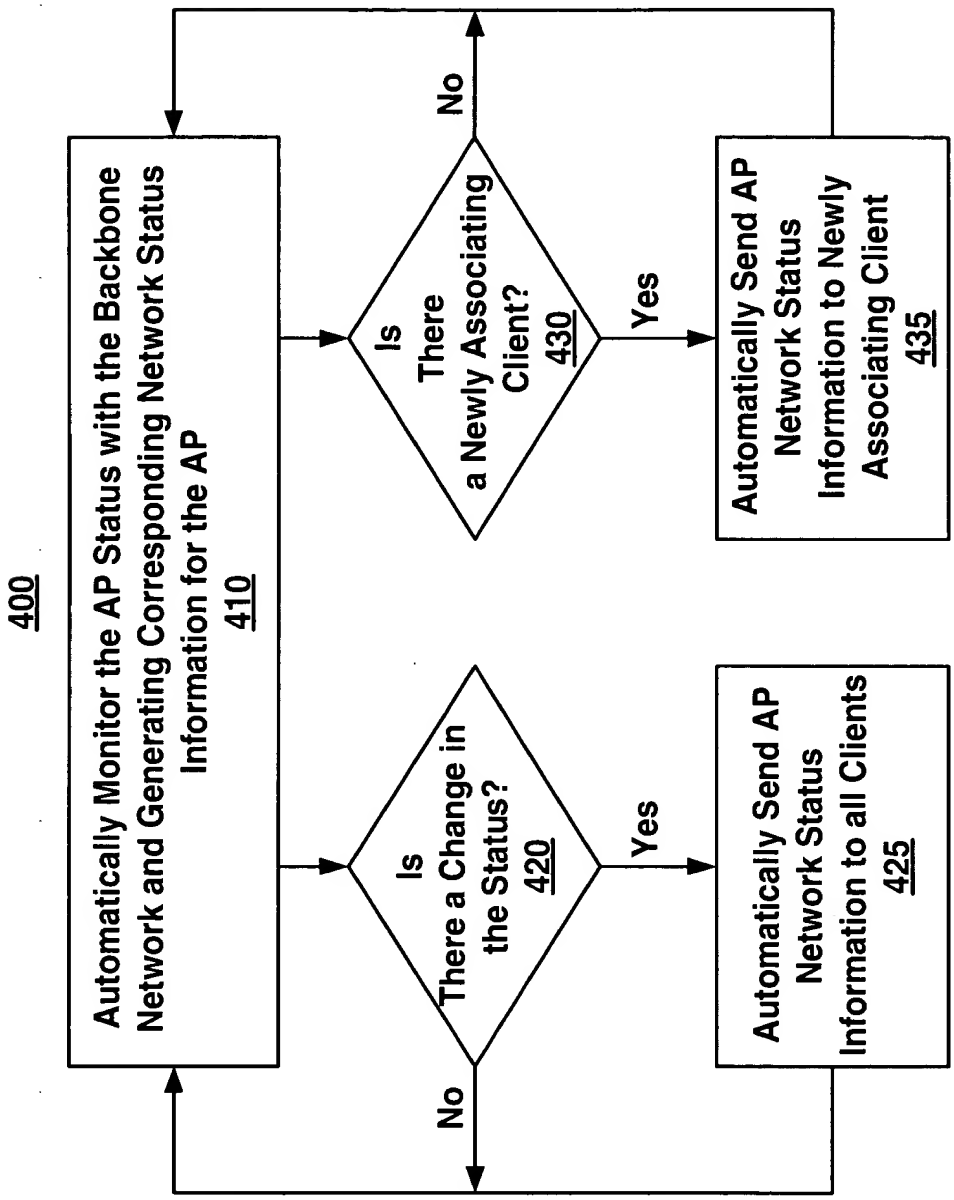
400
Automatically Monitor the AP Status with the Backbone Network and Generating Corresponding Network Status Information for the AP
410
Is There a Change in the Status?
420
No
Yes
Automatically Send AP Network Status Information to all Clients
425
Is There a Newly Associating Client?
430
No
Yes
Automatically Send AP Network Status Information to Newly Associating Client
435

FIG. 4